Attunity Studio Release Notes

Version 1.2

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New Features in Attunity Studio Version 1.2

Attunity Studio version 1.2 is fully synchronized with Attunity Connect version 4.1.

❖ Attunity Studio version 1.2 requires Attunity Connect version 4.1 to be installed.

The following changes were incorporated in Attunity Studio version 1.2:

Offline Design Mode Offline design mode enables to configure Attunity Connect servers without being connected to the backend data source or application. This features is important when working in a disconnected environment. The feature provides an *Offline Design Machine*, which is a virtual machine that enables the user to define and configure data source drivers and application adapters and their metadata, including import projects. Users can later take these definitions and move them to real machines.

Improved GUI The GUI interface has improved in a number of areas:

- Drag-and-drop ability at all levels has been added.
- Compliance with ADA (American Disability Act), which is a requirement at some government and state facilities, has been improved.
- Handling data source shortcuts has been improved, including finding the type of the data source on the server machine and changing the shortcut definition.
- Adding a new machine in the Configuration Explorer has been changed to make it easier to use.
- Adding files for importing metadata, either from the local machine or via FTP, in the Metadata Import perspective has been improved.

Database Adapter The Database adapter has been improved with the following new features:

- Ability to generate interactions to non-ADD data sources (for example, Oracle or Adabas).
- Database adapter interactions can be defined using a graphical Query Builder. For further details of the Query Builder, see below.

Change Capture Agent The Change Capture Agent enables periodic polling of a data source for any changes based on initial criteria. These changes are then entered

into an Event queue where they can later be routed to target applications.

Support for Virtual Databases   Via Attunity Studio, you can define virtual databases, including the definition of tables, views, synonyms and stored procedures. The data source type *virtual* is available for defining a virtual database entry.

Views and Stored Procedures can be defined using a graphical Query Builder. For further details of the Query Builder, see below.

Query Builder   The Query Builder provides a graphical tool for defining queries, views and stored procedures. The Query Builder is useful for defining virtual databases and Database adapter interactions.

Support for Procedure Metadata   Attunity Connect stored procedures are now fully supported in the Metadata perspective.

Support for Non-ADD Metadata   The Metadata perspective for a data source has been extended to enable viewing metadata for a non-ADD data source (such as Adabas or any relational data source). In addition, ADD extensions to these data sources can be maintained in the Metadata perspective and the metadata can be cached (LOCAL_COPY) through the Attunity Studio Metadata perspective.

Support for SYS Metadata   The metadata for the SYS repository can be maintained in the Metadata perspective.

❖   The SYS repository is viewed as a data source. It's definition is viewable in the Configuration explorer, but this definition cannot be changed.

Metadata Import   The number of metadata import wizards has been increased to include the following:

Generic COBOL Import

Generic imports from COBOL copybooks are available for all data sources and adapters. This is especially useful for creating metadata for a Legacy Plug adapter where a COBOL copybook is available describing the metadata.

RMS Import

An RMS import from RMS-COBOL copybooks is available, in addition to the existing command line import from CDD.

Enscribe Import

An Enscribe import from Enscribe-COBOL copybooks is available, in addition to the existing command line import from a DDL subvolume and from TAL.

Import and Export Repository Metadata and Configurations

Metadata and configurations stored in the repository can be imported from an XML file or exported to an XML file from within Attunity Studio. This enables copying or moving definitions between repositories (on different machines).

New Features Added in Attunity Studio Version 1.1

The following changes were incorporated in Attunity Studio version 1.1 maintenance release, and have rolled up into the 1.2 release:

Setup Attunity Studio Administrator Account During Installation

The installations on every platform include the ability to specify a user who can access the machine as an administrator from Attunity Studio.

Metadata Import for Tuxedo

The adapter to BEA Tuxedo includes an import to generate metadata for the adapter using a Jolt Bulk Loader file, in addition to the import using Tuxedo VIEWS and configuration files.

Metadata Import Filter for IMS/DB

Includes a filter for labels in the DBD files.

Current Restrictions and Known Problems

Current Restrictions

The current release has the following restrictions:

- Attunity Studio editors support only the English language.

Known Problems

The following are known problems in the current release:

- The option to manually edit SQL when building a query (for a database adapter interaction, virtual database view or stored procedure or change data capture interaction) does not work.
- Stored procedures with fields in a group without the dimension defined are not displayed.
- You cannot update statistics of a data source on an OS/390 platform.
- You cannot import table metadata from an XML file. Use the NAV_UTIL IMPORT command.
- The unique property is not displayed for a index in the Metadata perspective.
- The Repository name property is not supported (set for a data source in Attunity Studio in the Advanced tab for the data source).
- When updating statistics of a database that does not require Attunity Connect metadata, the first table is not updated.
- The BizTalk adapter cannot be defined in Attunity Studio.
- Changing a language results in any tables whose metadata was defined using the original language being unreadable with the new language. To resolve this problem, change back to the original language and export the ADD metadata. Then, change the language in the environment and remove the encoding='xxx' from the first line of the exported XML file.